

Meraj Hussain

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EDUCATION

Dr. B.C. Roy Engineering College

BTech in Computer Science and Engineering

Sep 2024 | Durgapur, West Bengal | CGPA : 8.1 / 10(Upto 4th sem)

Bidhan Chandra Institution

High School(10+2) May 2022 | Durgapur, West Bengal

| Score: 80%

WORK EXPERIENCE

WTI TRAVELS | New Delhi, India

Web Developer

Jan 2024 - Apr 2024

- Developed the official website for WTI Travels, by designing user friendly interfaces for web integrating mobile responsiveness.
- Integrated booking systems and managed tours and travels, incorporating payment gateways leading to a 125% increase in the first two months.

Teachnook | Remote

AIML Intern

Aug 2024 - Sep 2024

- Conducted extensive data preprocessing including image augmentation, normalization, and noise reduction to improve model performance and robustness.
- Detailed study on YOLO and HAAR Cascades for face recognition used in smart attendance system.

OPEN SOURCE CONTRIBUTIONS & HACKATHONS

Code for Saarthi | Remote

Open Source Developer

Jun 2024 - Sep 2024

- Worked on fine tuning machine learning models and enhanced noise reduction by 23%.
- Currently working on integrating APIs for improved backend functioning and response time.

Girlsript Summer of Code | Remote

Open Source Developer

Sep 2024

- Open source contributor.

SIH | Remote

Jun 2024 - Sep 2024

- Worked on building a comprehensive and decentralized health monitoring application.

SKILLS

- Languages: C/C++, JavaScript, Python, Java
- Frameworks: Next.js, React.js, Tailwind CSS, Node.js
- Tools: Git/GitHub, Vercel, Restful API, Socket.io
- Databases: MySQL, MongoDB, PostgreSQL

TECHNICAL PROJECTS

DeFi App Jun - Jul 2024

- Designed and developed a DEcentralized Finance application using Solidity and Truffle.
- Deployed and optimized smart contracts for secure lending, borrowing and cryptocurrency exchanges with a 95% gas efficiency rate.
- Integrated IPFS for decentralized file storage and ensured wallet connectivity resulting in seamless blockchain interactions
- React.js, Solidity, Web3.js, Truffle.
- Repo Link: [DeFi App](#)

Simon Says Game May - Jun 2024

- Created an interactive Simon game with dynamic color sequence generation for user engagement.
- Enhanced user experience by implementing real-time sound effects and visual feedback.
- Achieved a 100% functional rate, with gameplay successfully advancing users through increasing difficulty levels.
- Collaborated with testers to refine gameplay, reducing bugs by 15%.
- HTML, CSS, JavaScript, jQuery
- Repo Link: [Simon Says](#)

WeatherDekho Apr - Jul 2024

- Developed a responsive web app that provides real-time weather updates and a 10-day forecast, serving users in over 500+ cities.
- Integrated OpenWeather API for weather data and NewsAPI to deliver location-based news, increasing user engagement by 20%.
- Optimized for mobile and desktop, improving accessibility and user experience.
- Led debugging sessions, reducing error rates by 30%.
- HTML, CSS, Javascript
- Repo Link: [WeatherDekho](#)

ACHIEVEMENTS

- Achieved Rank 2 in Innoventure Expo in Institute for developing a real time health diagnostic web app.
- TechGig Code Gladiators '24 Finalist, ranked in top 20% out of 20,000+ developers.